

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1 - 6 (Cancelled)

7. (Previously Presented) The apparatus according to claim 18, wherein a front side of the at least one intake blade of the first ventilator faces in an opposite direction from a front side of the at least one exhaust blade of the second ventilator.

8. (Previously Presented) The apparatus according to claim 10, wherein the first ventilator is positioned on an air intake opening side of the casing, and the second ventilator is positioned on an air exhaust opening side of the casing.

9. (Cancelled)

10. (Previously Presented) The apparatus according to claim 18, further comprising:
a casing in which the first and second ventilators are housed.

11. (Previously Presented) The apparatus according to claim 10, further comprising:
at least one rib attached to the casing;
a motor base fixed to the at least one rib;
a bearing support, having a tubular shape and anchored to the motor base; and
at least one bearing supported by the bearing support;
wherein at least one of said first rotating shaft and said second rotating shaft is
supported by an inner circumference of the at least one bearing.

12-13. (Cancelled)

14. (Currently Amended) An apparatus for a serial ventilation device comprising:

a casing;

a first ventilator, mounted on an air intake opening side of the casing, having a first rotating shaft and at least one intake blade having a front surface facing the air intake opening side and a rear surface, said at least one intake blade being mounted on said first rotating shaft; and

a second ventilator, mounted on an air exhaust opening side of the casing, having a second rotating shaft and at least one exhaust blade with a front surface facing the air exhaust opening side and a rear surface, said at least one exhaust blade being mounted on said second rotating shaft,

wherein the first ventilator performs ventilation from the front surface to the rear surface of the at least one intake blade and then towards the second ventilator, and the second ventilator performs ventilation from the rear surface to the front surface of the at least one exhaust blade and then towards the exhaust,

further wherein said first rotating shaft is independent from and coaxial to said second rotating shaft;

further wherein said rotating shafts rotate in opposite directions;

further wherein each of said ventilators comprise a motor base, with an outer circular wall shaped in a tilted configuration such that a diameter of the outer circular wall of said motor base decreases to the midpoint between the first and second ventilators, ~~and~~

~~further wherein the shape of said motor base creates a pressure difference such that the pressure is higher near a top of said motor base and is lower near a bottom of said motor base.~~

15. (Previously Presented) The apparatus according to claim 14, further comprising:
at least one rib attached to the casing; said motor base being affixed to the at least one rib;
a bearing support, having a tubular shape and being anchored to the motor base;
and
at least one bearing supported by the bearing support,
wherein at least one of said first rotating shaft and said second rotating shaft is supported by an inner circumference of the at least one bearing.

16. (Previously Presented) The apparatus according to claim 14, wherein said first rotating shaft is coupled to an impeller, and wherein said at least one intake blade is affixed to said impeller.

17. (Previously Presented) The apparatus according to claim 14, wherein said second rotating shaft is coupled to an impeller, and wherein said at least one exhaust blade is affixed to said impeller.

18. (Previously Presented) An apparatus for a serial ventilation device, comprising:
a first ventilator having a number of intake blades mounted on a first rotating shaft; and

a second ventilator having a number of exhaust blades mounted on a second rotating shaft, said number of exhaust blades being at least one blade fewer than said number of intake blades,

wherein said first rotating shaft is independent from and coaxial to said second rotating shaft;

further wherein said rotating shafts rotate in opposite directions; and

further wherein said first and second ventilators are positioned in series with respect to each other such that they ventilate air along the same line in the same direction.

19. (Previously Presented) The apparatus according to claim 18, wherein said first rotating shaft is coupled to an impeller, and wherein said at least one intake blade is affixed to said impeller.

20. (Previously Presented) The apparatus according to claim 18, wherein said second rotating shaft is coupled to an impeller, and wherein said at least one exhaust blade is affixed to said impeller.